4. The method of claim 1, wherein the at least one address comprises at least one MAC address.

5. (Amended) The method of claim 4, wherein using the regular expression in place of the first portion of the at least one address comprises storing the regular expression in a first portion of a source address field of an address configuration table.

6. (Amended) The method of claim 1, wherein using the regular expression in place of a first portion of the at least one address comprises using the regular expression to specify at least one address of an address pool.

7. (Amended) The method of claim 1, wherein using the regular expression in place of a first portion of the at least one address comprises storing the regular expression in a management information base.

8. (Amended) A network device comprising a storage for storing at least one address, wherein the at least one address comprises a first portion and a second portion, and wherein the first portion is represented as [including] a regular expression [representing at least one address] , the regular expression representing an attribute of the first portion of the at least one address.

9. The network device of claim 8, wherein the storage comprises an address configuration table.

10. The network device of claim 9, wherein the regular expression defines a source address group.

11. The network device of claim 8, wherein the storage comprises a management information base.

12. The network device of claim 11, wherein the regular expression defines an address pool.

13. The network device of claim 8, wherein the storage comprises a routing table.

14. The network device of claim 11, wherein the regular expression defines a forwarding equivalence class for a routing table entry.

15. (Amended) An address configuration table for mapping a plurality of source devices in a source network to a single destination device in a destination network, the address configuration table comprising an address configuration table entry [having]

CLEAN REPLACEMENT SHEETS

Sub B' 7
A1

1. (Amended) A method for representing addressing information in a communication system, the method comprising apportioning at least one address into a first portion and a second portion, and encoding the first portion of the at least one address using a regular expression representing an attribute of the first portion of the address and using the regular expression in place of the first portion at least one address.
2. The method of claim 1, wherein the at least one address comprises at least one X.121 address.

A2
Sub C' 7

3. (Amended) The method of claim 2, wherein using the regular expression in place of the at least one address comprises storing the regular expression in a first portion of a source address field of an address configuration table.
4. The method of claim 1, wherein the at least one address comprises at least one MAC address.

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A3

5. (Amended) The method of claim 4, wherein using the regular expression in place of the first portion of the at least one address comprises storing the regular expression in a first portion of a source address field of an address configuration table.
6. (Amended) The method of claim 1, wherein using the regular expression in place of a first portion of the at least one address comprises using the regular expression to specify at least one address of an address pool.
7. (Amended) The method of claim 1, wherein using the regular expression in place of a first portion of the at least one address comprises storing the regular expression in a management information base.
8. (Amended) A network device comprising a storage for storing at least one address, wherein the at least one address comprises a first portion and a second portion, and wherein the first portion is represented as a regular expression, the regular expression representing an attribute of the first portion of the at least one address.
9. The network device of claim 8, wherein the storage comprises an address configuration table.

10. The network device of claim 9, wherein the regular expression defines a source address group.

11. The network device of claim 8, wherein the storage comprises a management information base.

12. The network device of claim 11, wherein the regular expression defines an address pool.

13. The network device of claim 8, wherein the storage comprises a routing table.

14. The network device of claim 11, wherein the regular expression defines a forwarding equivalence class for a routing table entry.

15. (Amended) An address configuration table for mapping a plurality of source devices in a source network to a single destination device in a destination network, the address configuration table comprising an address configuration table entry storing an address, the address having a first portion and a second portion, the first portion comprised of a regular expression representing an attribute of a plurality of source device addresses.

16. (Amended) A management information base comprising a management object for storing an address having a first portion comprising a regular expression representing an attribute of at least one address, and a second portion comprising bits of the at least one address.